

CHEM ARROW CORPORATION INTERNATIONAL
MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION

DATE: January 15, 1990

MANUFACTURER: CHEM ARROW CORPORATION INTERNATIONAL
13643 East Live Oak Lane
Irwindale, California 91706
Telephone: (818)358-2255

PRODUCT: Arrow 337

CHEMICAL NAME: Chlorinated Hydrocarbon with Emulsifying Additives

CHEMICAL FAMILY: Heavy Duty Drawing Compound

FORMULA: #0337

SECTION II - HAZARDOUS INGREDIENTS

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Percent</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
<u>N/A</u>	<u></u>	<u></u>	<u></u>	<u></u>
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Other than the ingredients listed above, this product contains no other ingredients now known to be hazardous as defined in OSHA 29 CFR 1910.1000 (Subpart Z). OSHA 29 CFR 1910.1200, The National Fire Protection Association List of Hazardous Substances, and the California General Industry Safety Order 5194.

SECTION III - PHYSICAL DATA

Melting Point °F: N/A Boiling Point °F: N/A
Vapor Pressure: N/A Vapor Density (Air=1): N/A
Solubility in Water: Forms Emulsion Specific Gravity (H₂O=1): 1.09
Evaporation Rate (Ether=1): N/A Flash Point (Method Used): None
Percent Volatile by Volume: N/A
Flammable Limits - Lower Limit: N/A Upper Limit: N/A
Appearance and Odor: Clear Straw Liquid, Mild Odor

N/A = not applicable

N/E = not established

SECTION IV - FIRE AND EXPLOSION DATA

EXTINGUISHING MEDIA: CO₂, Foam or Dry Chemical.
UNUSUAL FIRE AND EXPLOSION HAZARDS: None
FIRE FIGHTING PROCEDURES: Use self-contained breathing apparatus.

SECTION V - HEALTH HAZARD INFORMATION

ROUTES OF EXPOSURE AND EFFECTS OF OVEREXPOSURE:
INHALATION: TLV for this product has not been established.
SKIN CONTACT: Repeated or prolonged contact may cause irritation.
SKIN ABSORPTION: Not expected to occur.
EYE CONTACT: This product may cause eye irritation.
INGESTION: Oral LD50 has not been established. Do not ingest.

EMERGENCY FIRST AID PROCEDURES:

EYE CONTACT: Flush the affected area with water for at least 15 minutes. If irritation develops, seek medical attention.
SKIN CONTACT: Cleanse the affected areas with soap and water. If redness or irritation develops, seek medical attention.
INHALATION: If irritation occurs, remove to fresh air, avoid further inhalation.
INGESTION: Seek medical attention.

SECTION VI - REACTIVITY DATA

STABILITY: Stable
INCOMPATIBILITY: Avoid contact with strong oxidizing agents such as oxygen
HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon.
HAZARDOUS POLYMERIZATION: Will not occur.

SECTION VII - SPILL, LEAK AND DISPOSAL PROCEDURES

STEPS TO BE TAKEN FOR SPILLS AND/OR DISPOSAL: Pick up large spills with vacuum trucks or pumps. Absorb small spills/leaks with oil absorbent. Follow local, state and federal regulations regarding disposal.

SECTION VIII - SPECIAL HANDLING INFORMATION

VENTILATION: General mechanical ventilation may be adequate but if misting occurs, provide local ventilation.
PROTECTIVE GLOVES: The use of neoprene gloves which are impermeable is recommended.
EYE PROTECTION: Recommend safety goggles or face shield.
OTHER PROTECTIVE EQUIPMENT: It is recommended that an emergency shower and eyewash be available in the work area.

SECTION IX - SPECIAL PRECAUTIONS

AVOID CONTACT WITH THE EYES AND BREATHING MISTS.
WASH CONTAMINATED CLOTHING BEFORE REUSE.
DO NOT TAKE INTERNALLY. KEEP DRUMS CLOSED WHEN NOT IN USE.
BRING PRODUCT TO ROOM TEMPERATURE BEFORE USE.